

1           1.    A method comprising:  
2                resolving a display into at least two regions;  
3                generating a different sequence of characteristic  
4 values in each region; and  
5                resolving the position of a sensor with respect  
6 to said regions.

1           2.    The method of claim 1 wherein resolving a display  
2 into at two regions includes resolving a display into at  
3 least four regions.

1           3.    The method of claim 1 wherein generating a  
2 different sequence includes generating a different sequence  
3 of color values in each region.

1           4.    The method of claim 3 including generating a  
2 different sequence of at least three color values.

1           5.    The method of claim 3 including generating a  
2 different sequence of only two color values.

1           6.    The method of claim 1 including displaying a  
2 series of frames and interspersing, among said frames,  
3 additional frames having at least two regions each  
4 displaying a sequence of characteristic values.

1           7.    The method of claim 6 including displaying said  
2 additional frames in a fashion such that they are  
3 substantially undetectable by the user.

1           8.    The method of claim 1 including generating a  
2 different sequence of characteristic values by displaying a  
3 time sequence of frames each including at least two  
4 regions, and each of said regions displaying a timed  
5 sequence of characteristic values.

1           9.    The method of claim 8 including interspersing  
2 frames containing said characteristic values and frames not  
3 containing said characteristic values.

1           10.   The method of claim 1 including developing a  
2 sequence using fewer characteristic values than the number  
3 of regions.

1           11.   An article comprising a medium storing  
2 instructions that enable a processor-based system to:  
3                resolve a display into at least two regions; and  
4                generate a different sequence of characteristic  
5 values in each region.

1           12.   The article of claim 11 further storing  
2 instructions that enable the processor-based system to

3 resolve the position of a sensor with respect to said  
4 regions.

1 13. The article of claim 11 further storing  
2 instructions that enable the processor-based system to  
3 resolve the display into at least four regions.

1 14. The article of claim 11 further storing  
2 instructions that enable the processor-based system to  
3 generate a different sequence of color values in each  
4 region.

1 15. The article of claim 14 further storing  
2 instructions that enable the processor-based system to  
3 generate a different sequence of at least three color  
4 values in each region.

1 16. The article of claim 14 further storing  
2 instructions that enable the processor-based system to  
3 generate a different sequence of only two color values in  
4 each region.

1 17. The article of claim 11 further storing  
2 instructions that enable the processor-based system to  
3 cause a series of frames to be displayed while  
4 interspersing, among said frames, additional frames having

5 at least two regions each displaying a sequence of  
6 characteristic values.

1 18. The article of claim 11 further storing  
2 instructions that enable the processor-based system to  
3 generate a different sequence of characteristic values by  
4 displaying a time sequence of frames each including at  
5 least two regions, and each of said regions displaying a  
6 time sequence of characteristic values.

1 19. The article of claim 18 further storing  
2 instructions that enable the processor-based system to  
3 intersperse frames containing said characteristic values  
4 and frames not containing said characteristic values.

1 20. A system comprising:  
2 a processor;  
3 a memory coupled to said processor, said memory  
4 storing instructions that enable the system to resolve a  
5 display into at least two regions and generate a different  
6 sequence of characteristic values in each region.

1 21. The system of claim 20 including a display  
2 coupled to said processor.

1        22. The system of claim 21 wherein said storage  
2 stores instructions that enable the system to resolve the  
3 position of a sensor with respect to said regions.

1        23. The article of claim 20 wherein said storage  
2 stores instructions that enable the system to resolve the  
3 display into at least four regions.

1        24. The system of claim 21 wherein said storage  
2 stores instructions that enable the system to generate a  
3 different sequence of color values in each region.

1        25. The system of claim 24 wherein said storage  
2 stores instructions that enable the system to generate a  
3 different sequence of at least three color values in each  
4 region.

1        26. The system of claim 24 wherein said storage  
2 stores instructions that enable the system to generate a  
3 different sequence of only two color values in each region.

1        27. The system of claim 20 wherein said storage  
2 stores instructions that enable the system to cause a  
3 series a frames to be displayed while interspersing, among  
4 said frames, additional frames having at least two regions  
5 each displaying a sequence of characteristic values.

1           28. The system of claim 20 wherein said storage  
2 stores instructions that enable the system to generate a  
3 different sequence of characteristic values by displaying a  
4 time sequence of frames each including at least two  
5 regions, and each of said regions displaying a time  
6 sequence of characteristic values.

1           29. The system of claim 20 including a sensor coupled  
2 to said processor.

1           30. The system of claim 29 wherein said sensor is a  
2 light sensor that detects a characteristic value in the  
3 form of light.